



IPW

PATENT
Attorney Docket No.: NOVUS1170-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Morozov and Morozova
Application No.: 10/665,722
Filed: September 19, 2003
Title: METHODS AND DEVICES FOR ACTIVE BIOASSAY

Art Unit: 1645
Examiner: Not Yet Assigned
Conf. No.: 4650

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

Transmitted herewith for the above-identified application, please find:

1. Information Disclosure Statement (2 pages);
2. Form PTO-1449 (2 page, in dup.);
3. Twelve References
4. International Search report (4 pages); and
5. Return postcard.

CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on this date, July 14, 2004, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Lisa E. Jambeau

In re Application of:
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No fee is deemed necessary in connection with the filing of this Information Disclosure Statement as the items of information contained in this statement were cited in a communication from a foreign patent office in a counterpart foreign application, the communication being dated April 15, 2004, which is not more than three months prior to the filing of this statement. However, if any fee is required, authorization is hereby given to charge the amount of any such fee, or credit any overpayment, to Deposit Account No. 50-1355.

Respectfully submitted,

Date: July 14, 2004



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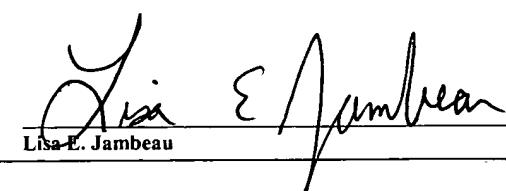
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. § 1.97, enclosed are references relating to the above-identified application. Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. For the convenience of the Examiner, these references are listed on the attached Form PTO-1449 and copies are enclosed herewith.

It is respectfully requested that these references be considered in the examination of this application and their consideration be made of written record in the application file.

CERTIFICATION UNDER 37 CFR §1.8	
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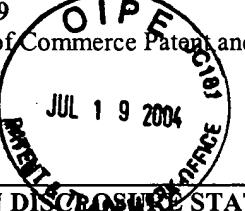
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FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office 	Docket No. NOVUS1170-1	Serial No.: 10/665,722
	Applicant: Morozov and Morozova	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: September 19,2003	Group Art Unit: 1645

U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	6,045,676	04/04/00	Mathies et al.			
	AB	5,865,766	02/02/99	Bonsall et al.			
	AC	6,350,609	02/26/02	Morozov and Morozova			

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

	AD	Avseenko, N.V., et al. "Immunoassay with Multicomponent Protein Microarrays Fabricated by Electrospray Deposition", <i>Analytical Chemistry</i> , Vol. 74, 927-933, 2002
	AE	Avseenko, N.V., et al., "Immobilization of proteins in Immunochemical Microarrays Fabricated by Electrospray Deposition", <i>Analytical Chemistry</i> , Vol. 73, 6047-6052, 2001
	AF	Basekt, D.R. et al., "A biosensor based on magnetoresistance technology," <i>Biosensors & Bioelectronics</i> , Vol. 13, 731-739, 1998
	AG	Kritz, K. et al., "Advancements toward magneto assay", <i>Biosensors & Bioelectronics</i> , Vol. 13, 817-823, 1998

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office		Docket No. NOVUS1170-1	Serial No.: 10/665,722
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	AH	Lee, G.U. et al., "Implementation of force Differentiation in the Immunoassay", <i>Analytical Biochemistry</i> , Vol. 287, 261-271, 2000
	AI	Morozov V.N. and Morozova T.Ya., "Mechanical Detection of Interaction of Small Specific Ligands with Proteins and DNA in Cross-Linked Samples", <i>Analytical Biochemistry</i> , Vol. 201, 68-79, 1992
	AJ	Morozov V.N. et al. "New polyacrylamide gel-based method of sample preparation for optical microscopy: Immobilization of DNA molecules for optical mapping" <i>Journal Microscopy</i> , Vol. 183, 205-214, 1996
	AK	Morozov, V.N. and Morozova, T.Ya., "Electrospray deposition as a method for mass fabrication of mono- and multi-component microarrays of biological and biologically active substances", <i>Analytical Chemistry</i> , Vol. 71, 3110-3117, 1999
	AL	Yamagata, Y. et al., "A Device for Testing Protein-Ligand Interaction using Mechano-Chemical Effect", <i>ASME Bioengineering Conference</i> , BED-Vol. 50, pages 175-176, 1999

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